

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E89771

**Employer :** Boeing Employees Credit Union

**Worksite :** Kent

**Street :** 20610 68th Ave S

**Jurisdiction :** City of Kent

**Participation :** CTR

**Status :** Affected

**Survey Type :** Online

**Response Rate :** 82%

**Survey Date :** 5/26/2019

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 26.4%

**Drive Alone Rate :** 73.6%

**One-Way VMT per employee :** 14.0

**Average One-Way distance home to work :** 17.8

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 409

**Surveys Distributed :** 409

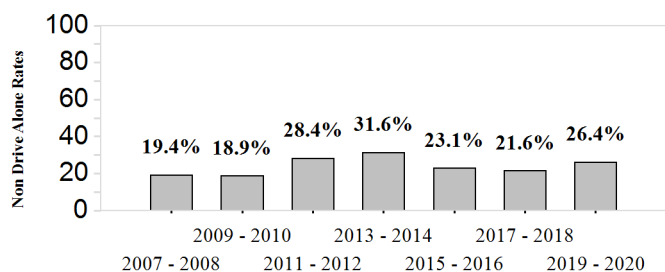
**Surveys Returned :** 335

**Surveys Returned by CTR Affected\* Employees :** 299

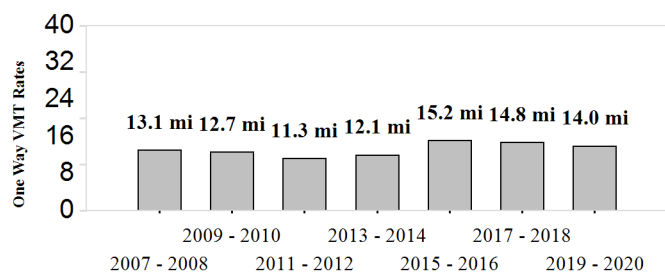
**Total Estimated CTR Affected Employees at Worksite :** 365

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO2e Pounds CO2e

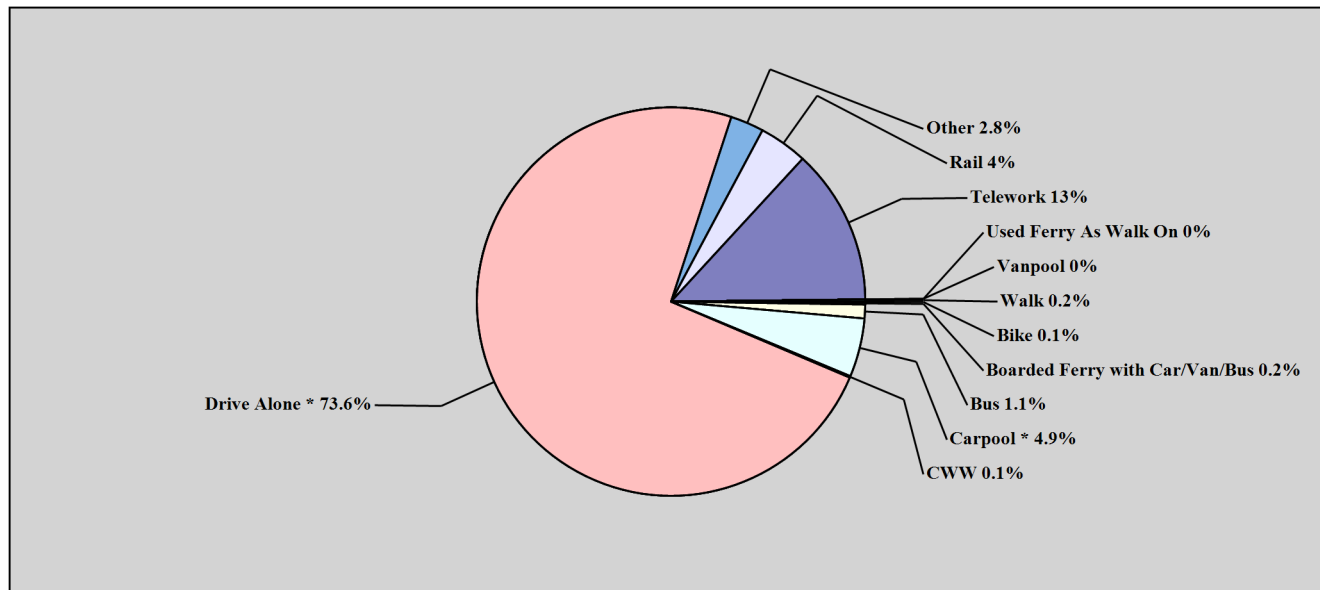
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	19.4%	18.9%	545	629	13.6	13.1	13.3
2009 - 2010	18.9%	21.3%	445	574	12.4	12.7	11.7
2011 - 2012	28.4%	31.9%	340	465	10.0	11.3	10.5
2013 - 2014	31.6%	32.9%	568	738	15.9	12.1	12.0
2015 - 2016	23.1%	24.3%	439	1265	27.3	15.2	14.9
2017 - 2018	21.6%	23.1%	840	1352	29.1	14.8	14.5
2019 - 2020	26.4%	28.5%	1031	1259	27.1	14.0	13.6
Target	24.1%				Target:	11.6	
% Point Change Target:	4.7				% Change Target:	-11.5%	
% Point Change from Baseline:	7.0				% Change from Baseline:	6.9%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



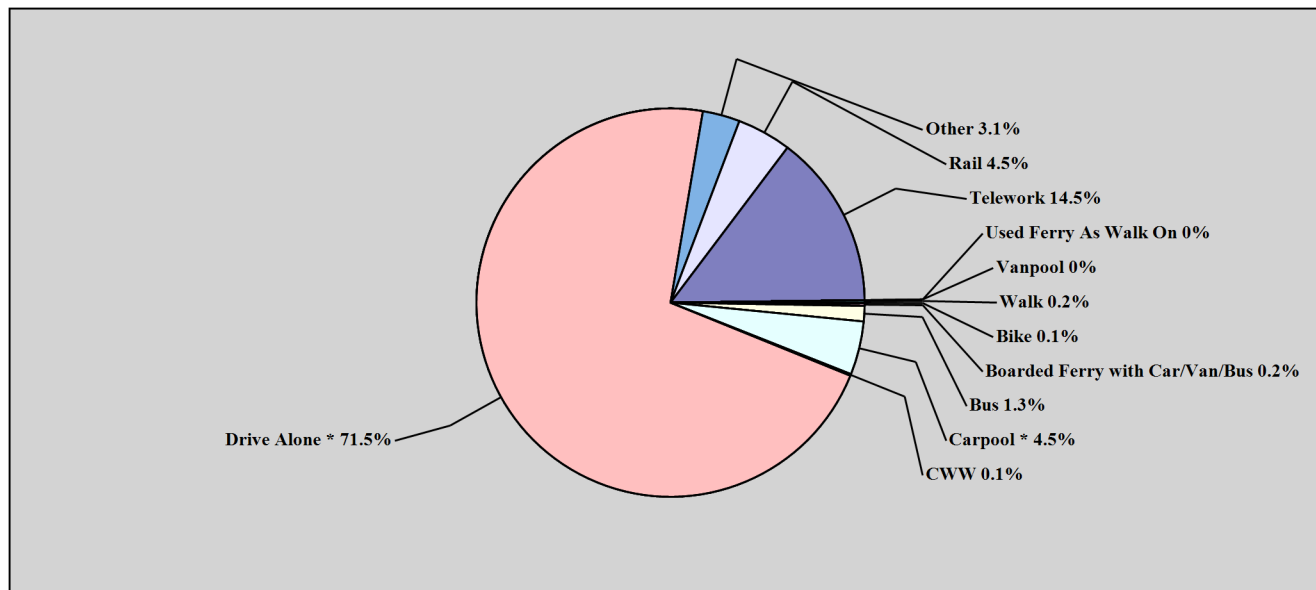
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,220	73.6%	78.4%	273	81.5%	86.6%
Carpool *	81	4.9%	4.0%	24	7.2%	7.1%
Vanpool	0	0.0%	0.3%	0	0.0%	0.4%
Bus	19	1.1%	0.8%	4	1.2%	1.2%
Rail	67	4.0%	3.6%	19	5.7%	5.9%
Bike	1	0.1%	0.0%	1	0.3%	0.0%
Walk	3	0.2%	0.2%	1	0.3%	0.4%
Telework	215	13.0%	11.1%	75	22.4%	16.9%
CWW	2	0.1%	0.2%	2	0.6%	0.4%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.0%	2	0.6%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	46	2.8%	1.4%	13	3.9%	2.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,060	71.5%	76.9%	240	80.3%	85.7%
Carpool *	66	4.5%	4.1%	20	6.7%	6.9%
Vanpool	0	0.0%	0.3%	0	0.0%	0.4%
Bus	19	1.3%	0.9%	4	1.3%	1.3%
Rail	67	4.5%	4.0%	19	6.4%	6.5%
Bike	1	0.1%	0.0%	1	0.3%	0.0%
Walk	3	0.2%	0.3%	1	0.3%	0.4%
Telework	215	14.5%	12.2%	75	25.1%	18.6%
CWW	2	0.1%	0.3%	2	0.7%	0.4%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.0%	2	0.7%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	46	3.1%	1.1%	13	4.3%	1.7%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	212	63%	335	100%
<b>1 Days</b>	27	8%	123	37%
<b>2 Days</b>	14	4%	96	29%
<b>3 Days</b>	13	4%	82	24%
<b>4 Days</b>	18	5%	69	21%
<b>5 Days</b>	39	12%	51	15%
<b>6 or More Days</b>	12	4%	12	4%

**Count by Occupancy of Carpools and Vanpools**

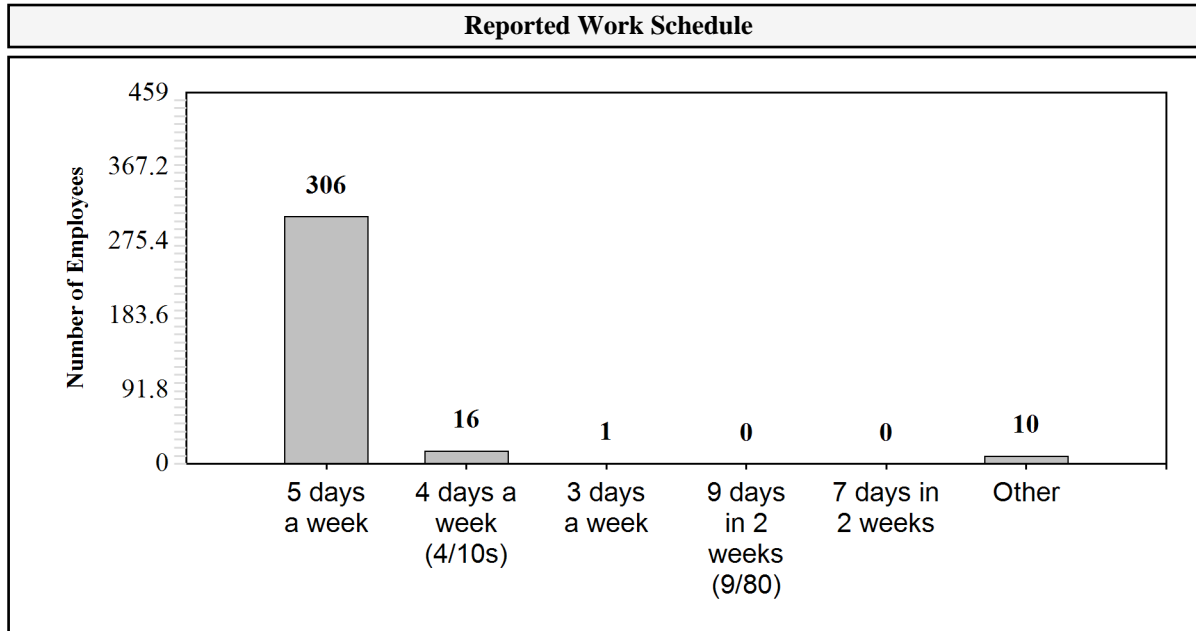
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	65
<b>3</b>	Carpool	2
<b>4</b>	Carpool	9
<b>5</b>	Carpool	5
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

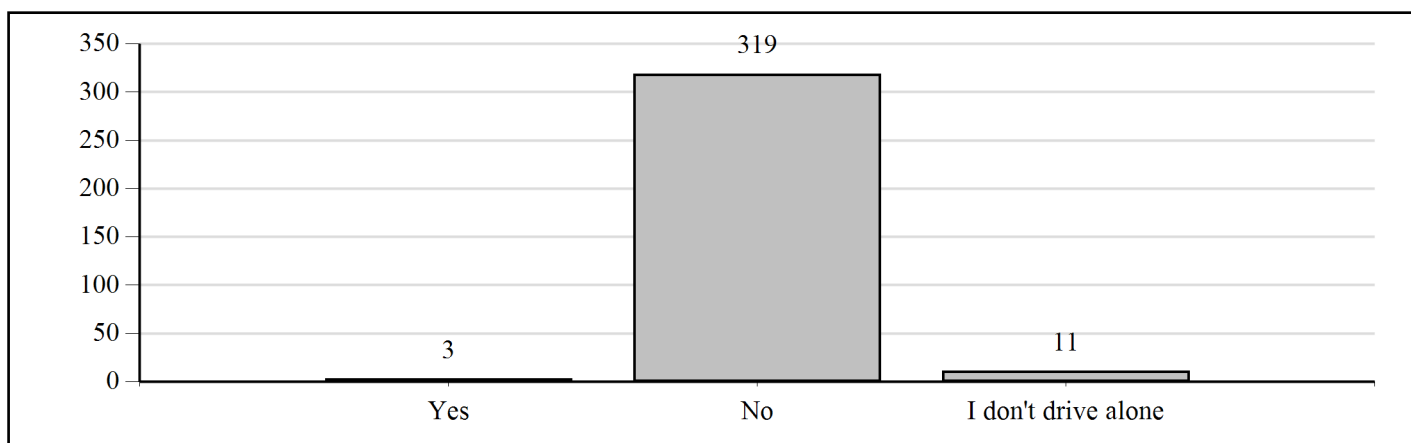
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	306	91.9%
4 days a week (4/10s)	16	4.8%
3 days a week	1	0.3%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	10	3%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	0.9%
I don't telework	174	51.9%
Occasionally, on an as-needed basis	40	11.9%
1-2 days/month	15	4.5%
1 day/week	28	8.4%
2 days/week	24	7.2%
3 days/week	51	15.2%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	112	18.6%
To save money	96	15.9%
Free or subsidized bus, train, vanpool pass or fare benefit	73	12.1%
To save time using the HOV lane	63	10.4%
Other	62	10.3%
Personal health or well-being	45	7.5%
Environmental and community benefits	43	7.1%
Driving myself is not an option	31	5.1%
Financial incentives for carpooling, bicycling or walking.	30	5.0%
Emergency ride home is provided	21	3.5%
Cost of parking or lack of parking	15	2.5%
Preferred/reserved carpool/vanpool parking is provided	11	1.8%
I receive a financial incentive for giving up my parking space	1	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	237	29.5%
Riding the bus or train is inconvenient or takes too long	205	25.5%
Family care or similar obligations	131	16.3%
My commute distance is too short	73	9.1%
Other	67	8.3%
Bicycling or walking isn't safe	34	4.2%
I need more information on alternative modes	27	3.4%
My job requires me to use my car for work	23	2.9%
There isn't any secure or covered bicycle parking	6	0.7%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98042	14	4.18%	57	0	0	0	0	0	0	0	11	0	0	0	3
98058	14	4.18%	61	0	0	0	0	0	0	0	6	0	0	0	0
98003	13	3.88%	56	9	0	0	0	0	0	0	0	0	0	0	0
98023	13	3.88%	49	0	0	0	0	0	0	0	8	0	0	0	0
98032	11	3.28%	45	3	0	0	0	0	0	0	2	0	0	0	6
98375	11	3.28%	32	2	0	0	0	10	0	0	11	0	0	0	3
98030	10	2.99%	38	5	0	0	3	0	0	0	5	0	0	0	0
98092	10	2.99%	48	0	0	0	0	0	0	0	1	0	0	0	2
98001	9	2.69%	41	0	0	0	0	0	0	0	3	1	0	0	0
98031	9	2.69%	39	0	0	0	0	0	0	0	9	0	2	0	0
98360	8	2.39%	9	5	0	0	0	6	0	0	7	0	0	0	8
98391	8	2.39%	31	0	0	0	0	5	0	0	4	0	0	0	0
98038	7	2.09%	34	0	0	0	0	0	0	0	0	0	0	0	0
98374	7	2.09%	22	0	0	0	0	9	0	0	5	0	0	0	0
98422	7	2.09%	29	0	0	0	0	0	0	0	6	0	0	0	0
98002	6	1.79%	26	0	0	0	0	0	0	0	5	0	0	0	0
98168	6	1.79%	29	0	0	0	0	0	0	0	0	0	0	0	0
98188	6	1.79%	30	0	0	0	0	0	0	0	1	0	0	0	0
98198	6	1.79%	23	0	0	0	0	0	0	0	5	0	0	0	0
98409	6	1.79%	16	5	0	0	0	2	0	0	7	0	0	0	0
98047	5	1.49%	21	0	0	0	0	0	1	3	0	0	0	0	0
98106	5	1.49%	20	4	0	0	0	0	0	0	1	0	0	0	0
98321	5	1.49%	23	0	0	0	0	0	0	0	2	0	0	0	0
98371	5	1.49%	18	0	0	0	0	4	0	0	0	0	0	0	1
98373	5	1.49%	15	0	0	0	0	1	0	0	2	0	0	0	1
98387	5	1.49%	8	0	0	0	0	5	0	0	12	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98424	5	1.49%	14	0	0	0	0	5	0	0	5	0	0	0	0
98444	5	1.49%	20	0	0	0	0	1	0	0	6	0	0	0	0
98056	4	1.19%	22	1	0	0	0	0	0	0	0	0	0	0	0
98057	4	1.19%	15	0	0	0	7	0	0	0	0	0	0	0	0
98059	4	1.19%	17	0	0	0	0	0	0	0	0	0	0	0	0
98372	4	1.19%	10	1	0	0	0	5	0	0	3	0	0	0	0
98390	4	1.19%	16	0	0	0	0	3	0	0	1	0	0	0	0
98466	4	1.19%	0	11	0	0	0	2	0	0	7	0	0	0	0
98007	3	0.90%	15	0	0	0	0	0	0	0	0	0	0	0	0
98055	3	0.90%	12	0	0	0	0	0	0	0	0	0	0	0	3
98087	3	0.90%	8	5	0	0	0	0	0	0	2	0	0	0	0
98126	3	0.90%	10	0	0	0	4	0	0	0	1	0	0	0	0
98166	3	0.90%	11	0	0	0	0	0	0	0	0	0	0	0	0
98338	3	0.90%	5	1	0	0	0	0	0	0	9	0	0	0	0
98404	3	0.90%	12	1	0	0	0	0	0	0	3	0	0	0	0
98405	3	0.90%	5	5	0	0	0	0	0	0	0	0	0	0	4
98516	3	0.90%	2	3	0	1	0	5	0	0	4	0	0	0	0
	2	0.60%	5	0	0	0	0	0	0	0	0	0	0	0	0
98012	2	0.60%	0	4	0	0	0	0	0	0	6	0	0	0	0
98020	2	0.60%	7	0	0	0	0	0	0	0	3	0	0	0	0
98075	2	0.60%	9	0	0	0	0	0	0	0	1	0	0	0	0
98133	2	0.60%	11	0	0	0	0	0	0	0	0	0	0	0	0
98148	2	0.60%	5	0	0	0	0	0	0	0	0	0	0	0	0
98208	2	0.60%	9	3	0	0	0	0	0	0	0	0	0	0	0
98327	2	0.60%	5	0	0	0	0	4	0	0	1	0	0	0	0
98354	2	0.60%	11	0	0	0	0	0	0	0	0	0	0	0	0
98499	2	0.60%	11	0	0	0	0	0	0	0	0	0	0	0	0
85355	1	0.30%	0	0	0	0	0	0	0	0	0	0	0	0	4
98006	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98008	1	0.30%	4	0	0	0	0	0	0	0	1	0	0	0	0
98021	1	0.30%	6	0	0	0	0	0	0	0	0	0	0	0	0
98026	1	0.30%	1	0	0	0	0	0	0	0	3	1	0	0	0
98027	1	0.30%	6	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.30%	4	0	0	0	0	0	0	0	0	0	0	0	0
98033	1	0.30%	1	0	0	0	0	0	0	0	4	0	0	0	0
98034	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.30%	0	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.30%	4	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.30%	0	0	0	0	0	0	0	0	0	0	0	0	5
98074	1	0.30%	6	0	0	0	0	0	0	0	0	0	0	0	0
98103	1	0.30%	3	0	0	0	0	0	0	0	2	0	0	0	0
98105	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.30%	0	0	0	0	5	0	0	0	0	0	0	0	0
98115	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98117	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98118	1	0.30%	4	0	0	0	0	0	0	0	1	0	0	0	0
98119	1	0.30%	4	0	0	0	0	0	0	0	1	0	0	0	0
98136	1	0.30%	0	0	0	0	0	0	0	0	5	0	0	0	0
98146	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.30%	0	0	0	0	0	0	0	0	5	0	0	0	0
98178	1	0.30%	0	0	0	5	0	0	0	0	0	0	0	0	0
98258	1	0.30%	0	2	0	0	0	0	0	0	4	0	0	0	0
98270	1	0.30%	6	0	0	0	0	0	0	0	0	0	0	0	0
98290	1	0.30%	1	0	0	0	0	0	0	0	4	0	0	0	0
98296	1	0.30%	0	5	0	0	0	0	0	0	0	0	0	0	0
98335	1	0.30%	0	0	0	0	0	0	0	0	6	0	0	0	0
98366	1	0.30%	2	1	0	0	0	0	0	0	1	0	1	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98367	1	0.30%	3	0	0	0	0	0	0	0	2	0	0	0	0
98402	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98406	1	0.30%	0	5	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98408	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98418	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.30%	0	0	0	0	0	0	0	0	0	0	0	0	6
98445	1	0.30%	0	0	0	0	0	0	0	0	6	0	0	0	0
98465	1	0.30%	6	0	0	0	0	0	0	0	0	0	0	0	0
98467	1	0.30%	5	0	0	0	0	0	0	0	0	0	0	0	0
98498	1	0.30%	6	0	0	0	0	0	0	0	0	0	0	0	0
98597	1	0.30%	0	0	0	0	0	0	0	0	5	0	0	0	0